

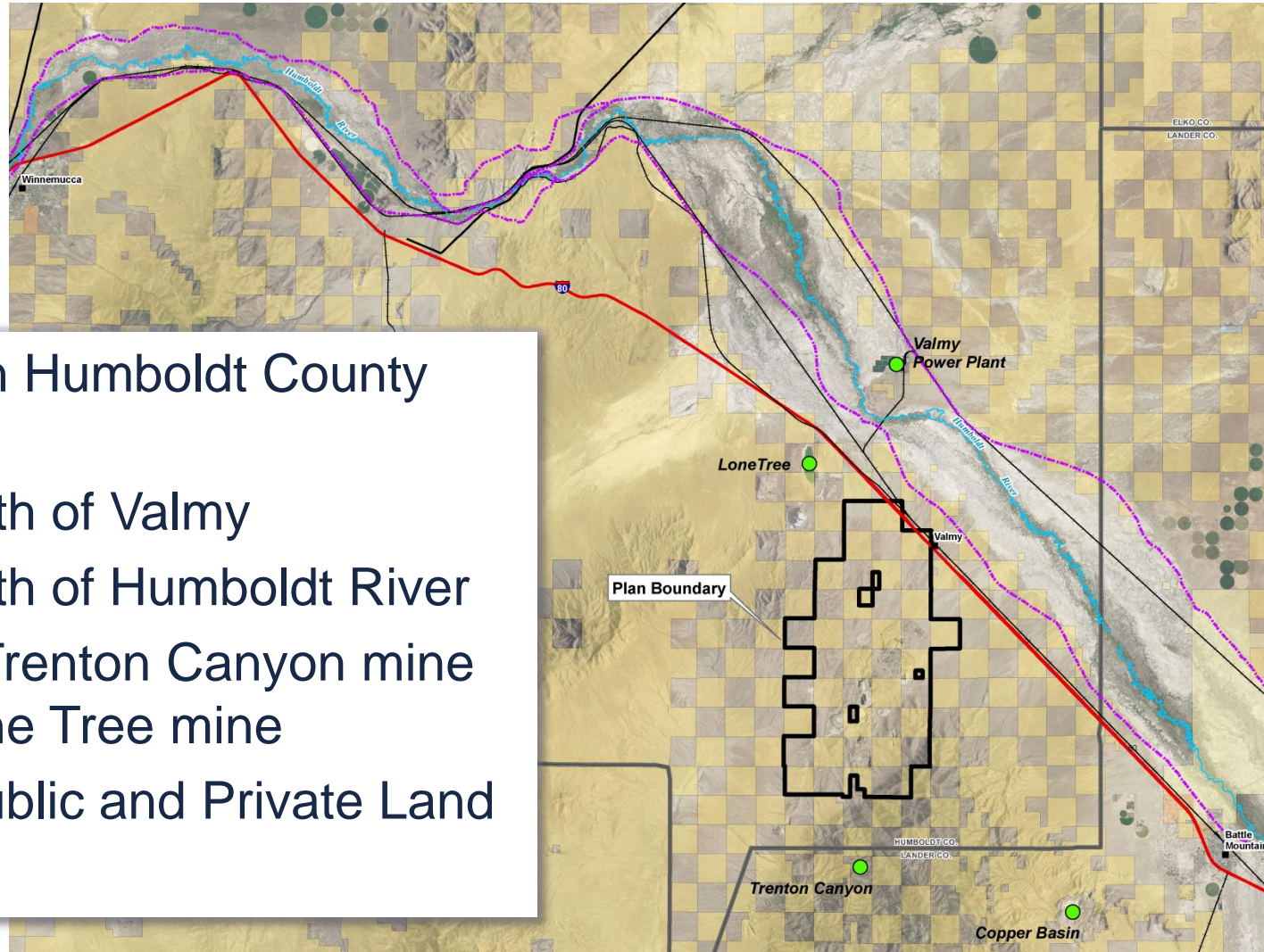
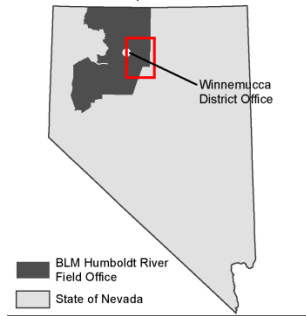


- Winnemucca, Nevada -
Humboldt County Library
Tuesday March 22 from 5-7
- Battle Mountain, Nevada -Battle
Mountain Civic Center
Wednesday March 23 from 5-7

Marigold Mine Mackay Optimization Project EIS Scoping Meeting

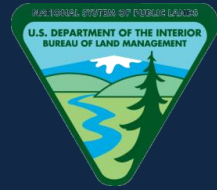


Location



- Southeastern Humboldt County Nevada
- ~3 miles south of Valmy
- ~8 miles south of Humboldt River
- Adjacent to Trenton Canyon mine and near Lone Tree mine
- Mixture of Public and Private Land

Background History & Overview



- 1920's – Historic mining area
- 1988 – Large scale modern mining began and continuous operation since
- 1999 – 100% ROM heap leach processing
- Today – SSRI (TSX: SSO; NASDAQ: SSRI)
 - Traditional surface, run-of-mine heap leach operation



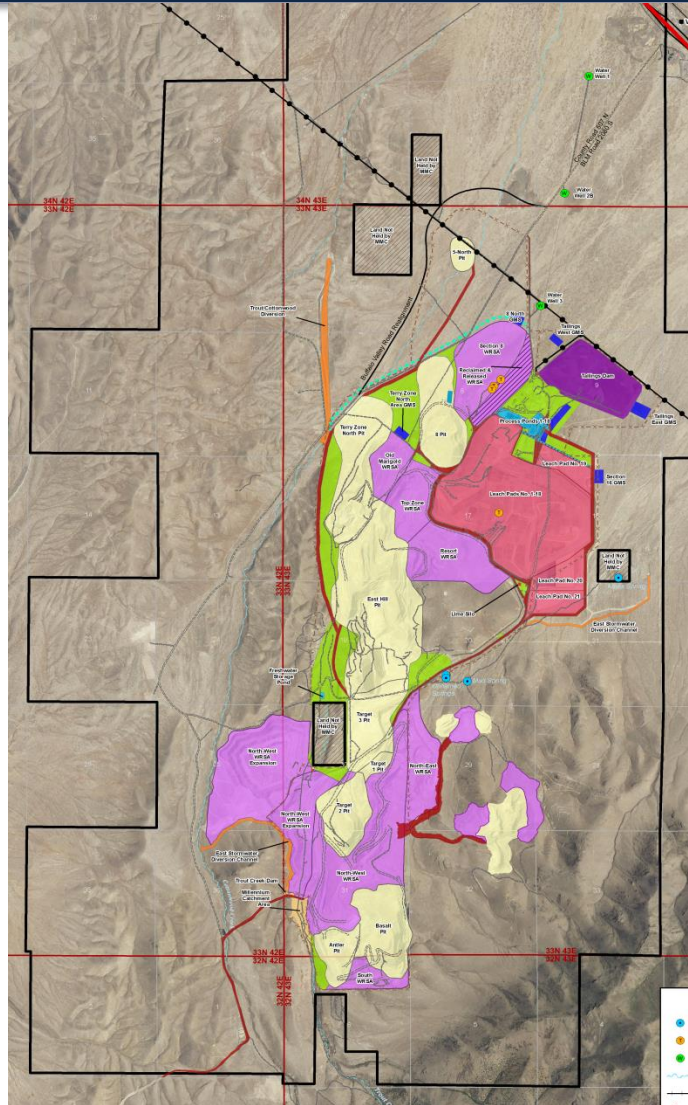
- Slow and steady growth over time
- 370 current employees
- 4th largest employer in Humboldt County

Environmental Stewardship

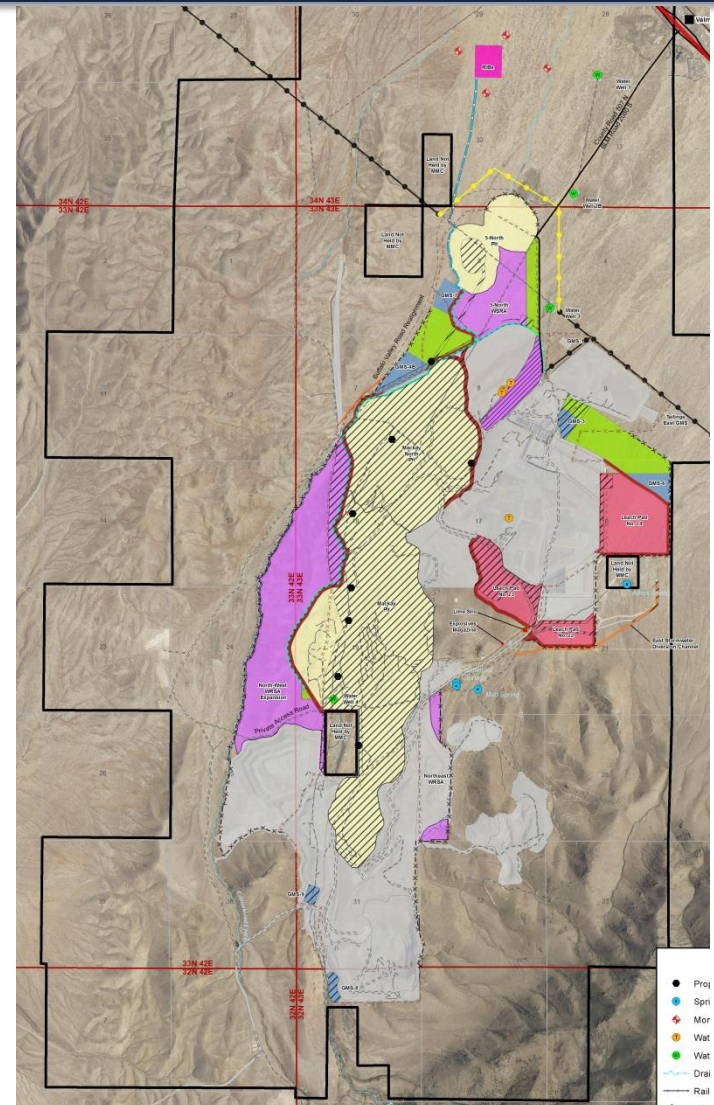
- 35 permits and additional regulations
 - Air, water, groundwater, soil, waste, etc.
- Outstanding compliance record
- 1st to receive International Cyanide Management Code certification
- Highly regarded by regulators and inspectors



Existing Operations



Proposed Operations



Proposed Action – Overview

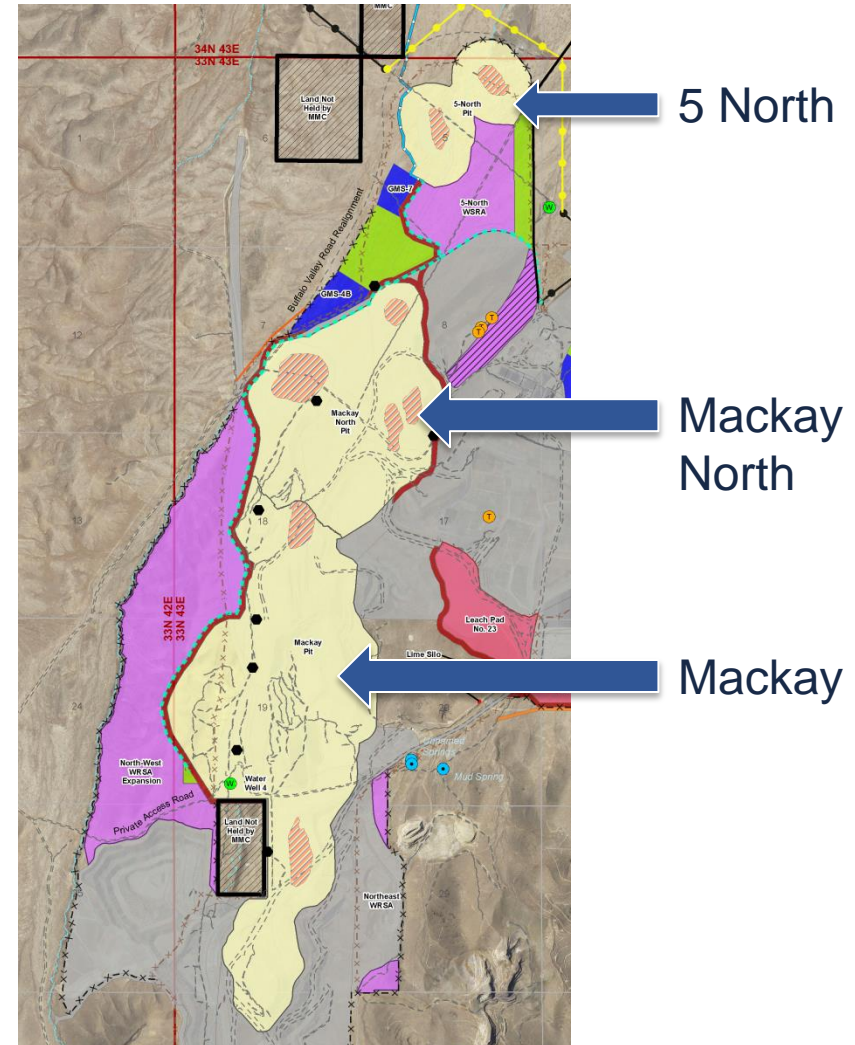


- Expansion and deepening of pits
- Dewatering of Mackay and Mackay North Pits
- Construction and operation of six RIBs
- Create new and redistribute old WRSAs
- Construct processing pad cells
- Changes to ancillary facilities and roads
- Increase solution application rate
- Increase exploration disturbance by 95 acres
- Redistribute disturbance acres between disturbance categories
- Increase the total disturbance area
 - from ~5,720 acres to ~7,613 acres
- Increase the mine life by up to 10 years
- No change to employment or mobile equipment

Proposed Operations – Open Pits



- Combine four pits
 - Target 1, Target 2, Target 3, and East Hill become Mackay Pit
- Combine two pits
 - Terry Zone Pit and 8 Pit become Mackay North Pit
- Increase one pit
 - 5 North



Proposed Operations – Dewatering

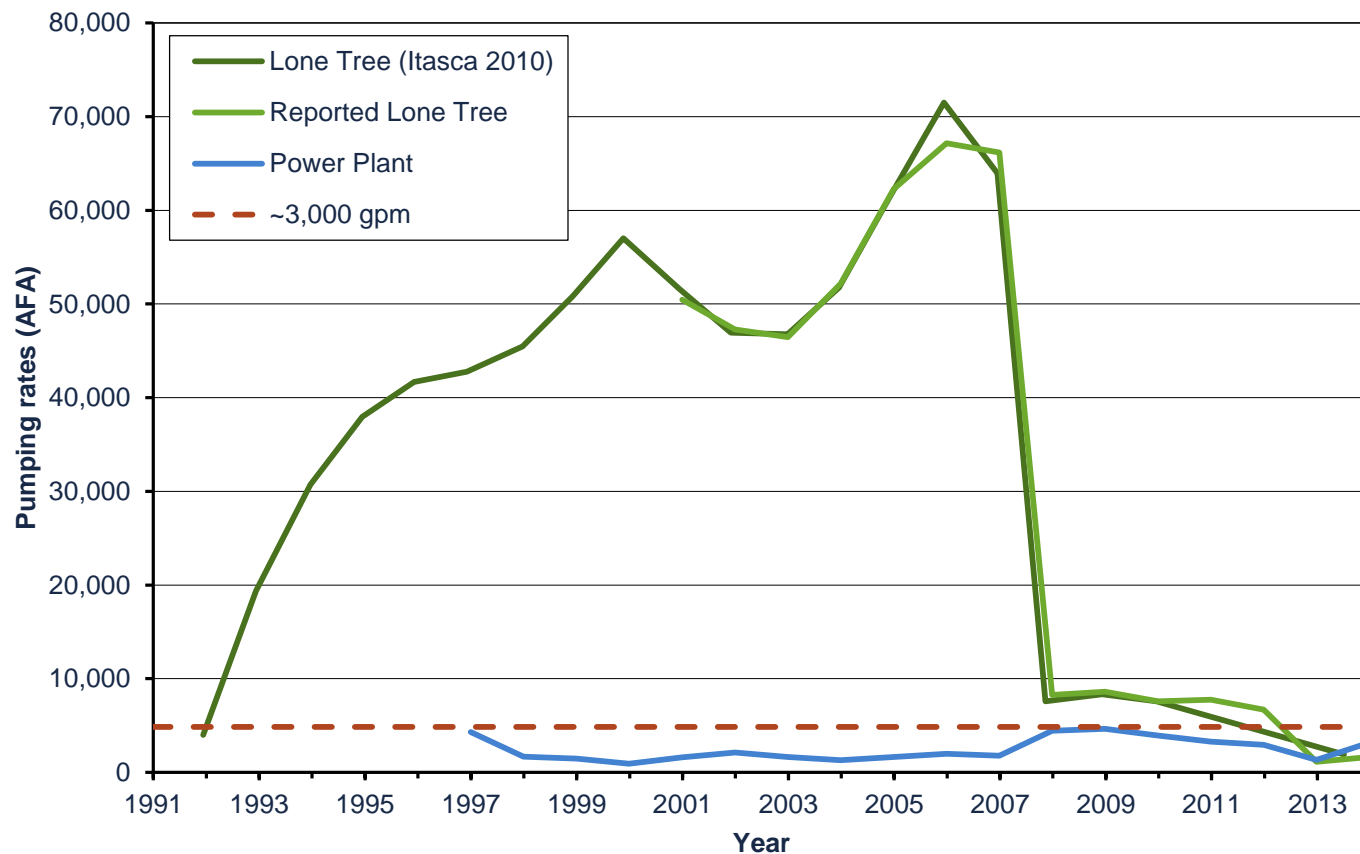


- Dewater the Mackay, Mackay North, and 5 North Pits
 - Up to 6,000 gpm; average 3,000 gpm
- Construct and operate
 - production well and dewatering wells (associated roads, power, and above-ground pipelines)
 - RIBS, associated roads, pipelines, and monitoring wells
- No proposed net increase in consumptive water use
- Water will be discharged in the same basin from which it came
 - “basin neutral”
- Apply for water rights for the nonconsumptive dewatering

Proposed Operations – Dewatering



- The proposed dewatering rate is 1/12th of the rate of Lone Tree Mine



Proposed Operations - Waste Rock Storage Areas



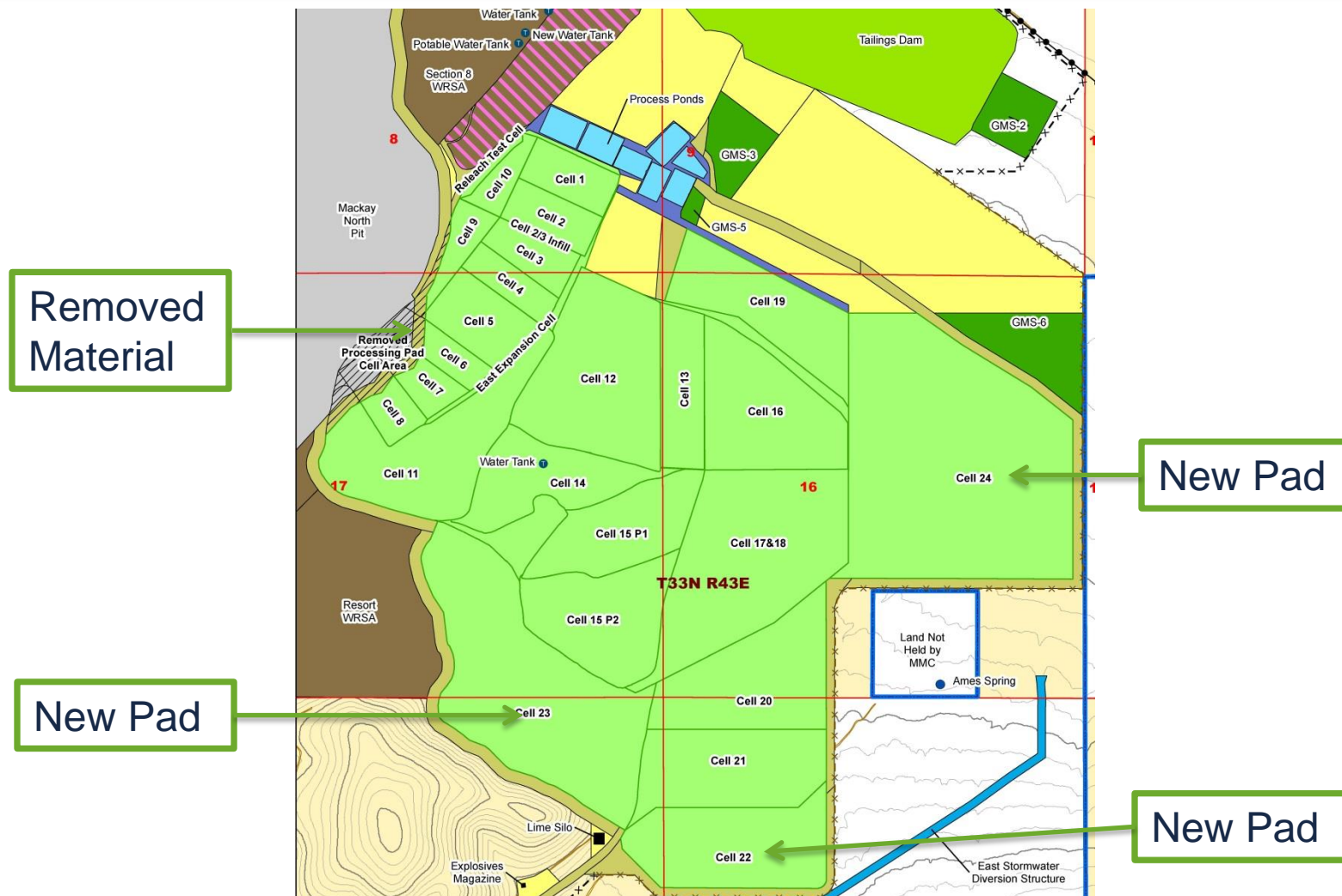
- Move waste rock
 - Rock from Old Marigold and Top Zone will be moved to allow creation of the Mackay North pit
- Create new storage area
 - 5 North
- Expand storage areas
 - Northeast and Northwest Expansion
- Move backfill material within pits to allow for pit expansions and future backfill placement



Proposed Operations – Process Facilities

- Construct processing pad cells 22, 23, and 24
- Increase ore stacking rate on processing pads
 - 25 million tons per year to 40 million tons per year
- Construct new process ponds on existing disturbance
- Construct two new carbon column trains on existing disturbance
- Relocate material from Cell 6 through Cell 9 to other areas on lined containment to accommodate the Mackay North Pit footprint
- Increase the solution application rate from the existing 15,000 gallons per minute (gpm) to 20,000 gpm

Proposed Operations – Process Facilities

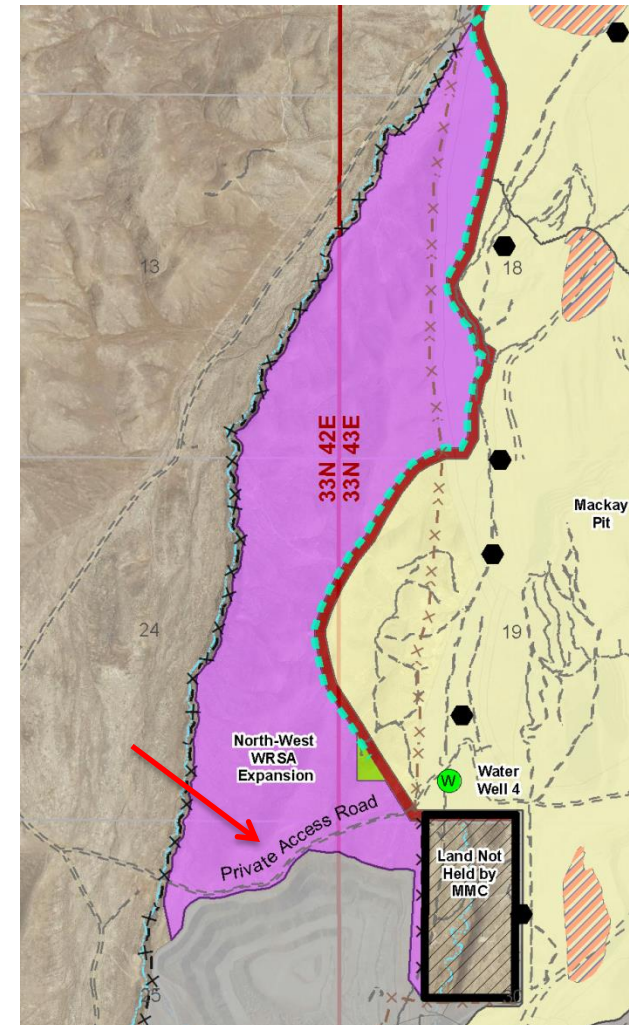
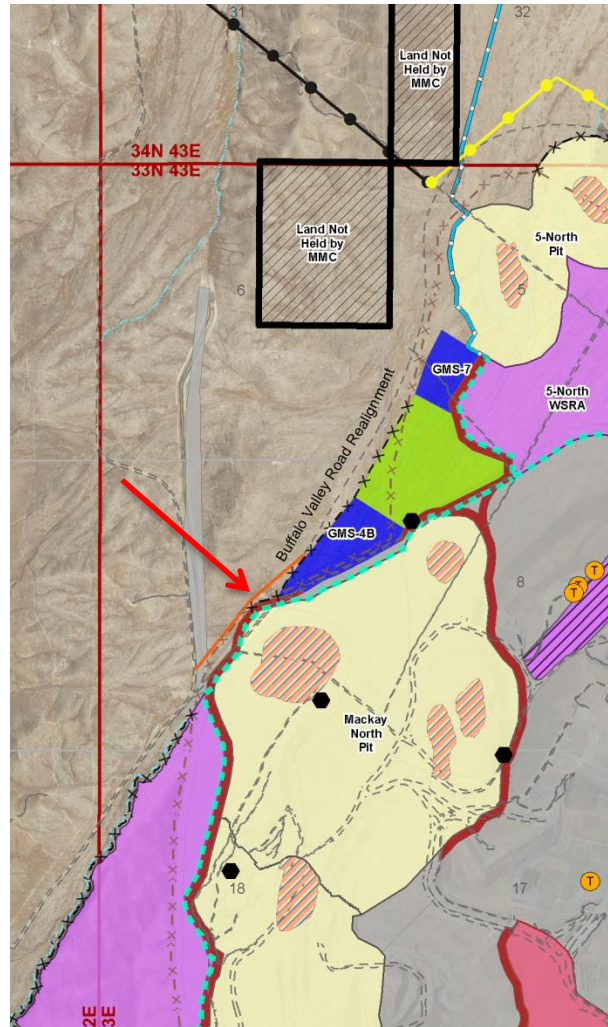
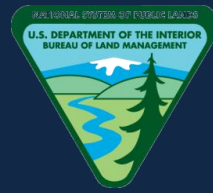




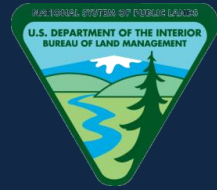
Proposed Operations – Ancillary and Roads

- Changes to ancillary facilities including:
 - Move the approved East Stormwater Diversion Structure
 - Relocate the existing lime silo
 - Relocate the explosives magazine
 - Movement and construction of growth media stockpiles
 - Move/construct fencing to include proposed facilities
 - Add miscellaneous infill disturbance areas
- Move haul roads to accommodate new facility footprints
- Relocate the public Buffalo Valley Road to accommodate changes
- Re-establish a private land access road to land holdings in Section 30
- Re-locate the existing 120kV NV Energy powerline

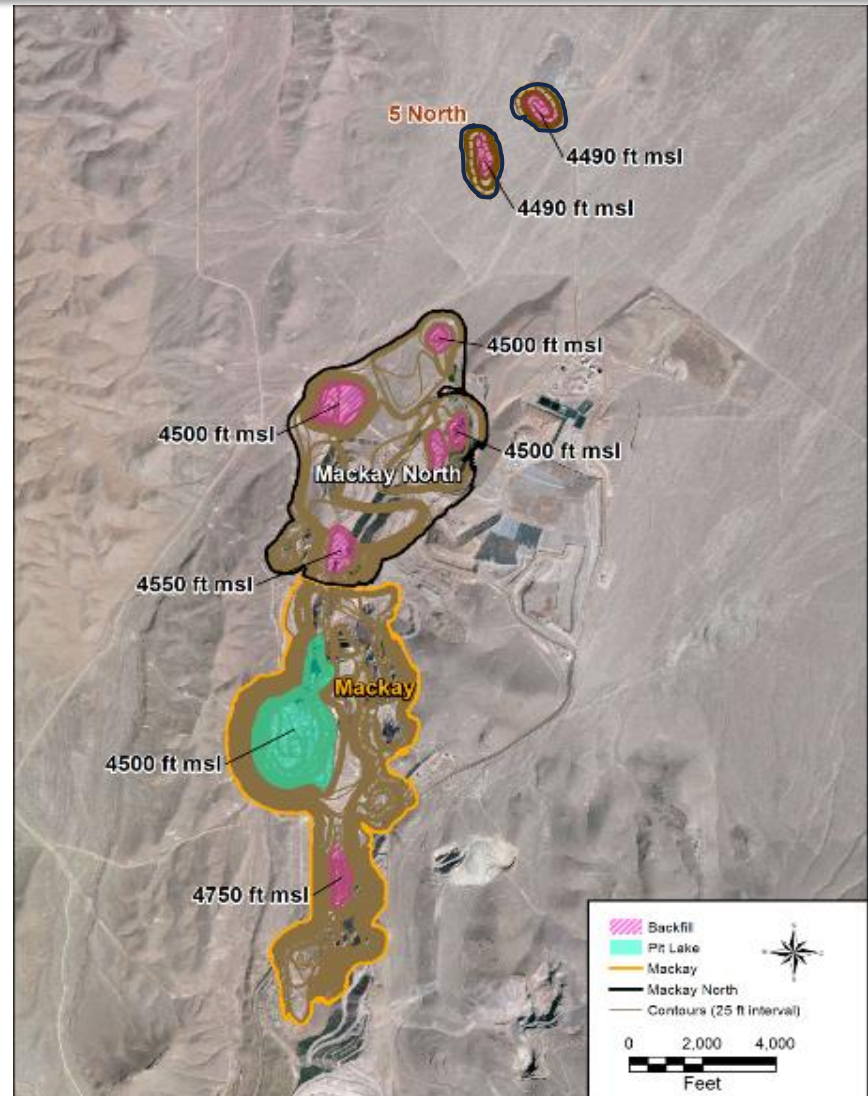
Proposed Operations - Buffalo Valley Road and Private Land Access



Proposed Operations - Pit Backfill and Post-Mining Pit Lake



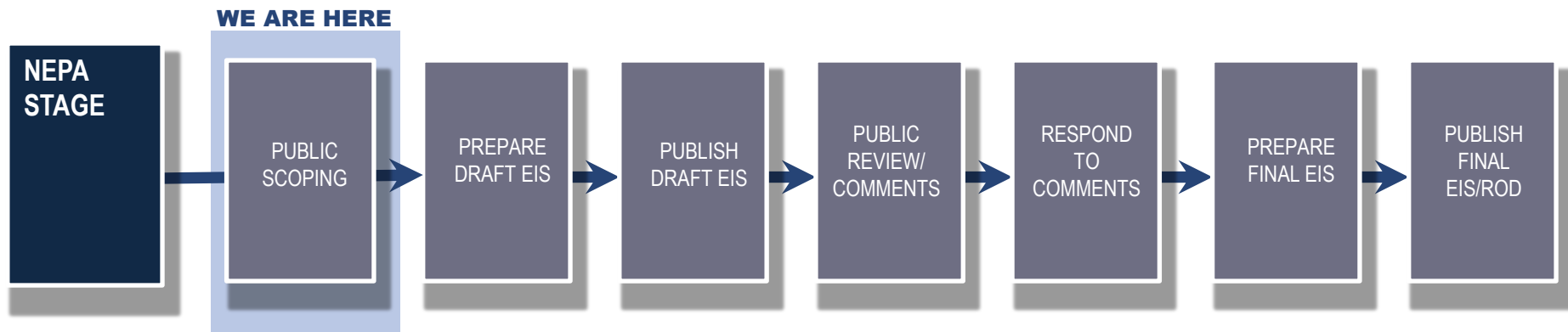
- 1 Pit Lake (Mackay Pit)
 - Non-acid generating materials
 - Low metals leachate concentrations
 - Pit lake at maximum: 140 acres, 250 feet deep
- 7 new pit backfill areas
 - Figure shows 8 authorized and proposed backfill areas
 - All saturated



Mackay Optimization Project



The NEPA Process





Marigold Mine – Mackay Optimization Project Environmental Impact Statement

Project Scoping Comments

Submit through April 7, 2016

Mail to:

BLM Winnemucca District Office

c/o Jeanette Black Project Lead

Attn: Marigold Mine EIS

5100 East Winnemucca Boulevard

Winnemucca, NV 89445

Or E-mail: wfoweb@blm.gov

Marigold Mackay Project (Black) in the subject line

Or Fax: (775) 623-1503

Additional Project Information

On the BLM Website:

<https://eplanning.blm.gov/epl-front-office/eplanning/planAndProjectSite.do?methodName=dispatchToPatternPage¤tPageId=72328>

Or contact the BLM Project Manager

Jeanette Black: (775) 623-1500